

=> file reg  
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.57	0.78

FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 13:43:24 ON 20 FEB 2004  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
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Property values tagged with IC are from the ZIC/VINITI data file  
provided by InfoChem.

STRUCTURE FILE UPDATES: 18 FEB 2004 HIGHEST RN 651705-73-6  
DICTIONARY FILE UPDATES: 18 FEB 2004 HIGHEST RN 651705-73-6

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2003

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more  
information enter HELP PROP at an arrow prompt in the file or refer  
to the file summary sheet on the web at:  
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> e delta-8 fattyacid desaturase/CN

E1	1	DELTA-6 FATTY ACID DESATURASE (HUMAN GENE CYB5RP)/CN
E2	1	DELTA-6 FATTY ACID DESATURASE (STREPTOMYCES AVERMITILIS STRA IN MA-4680 GENE FADS1)/CN
E3	0 -->	DELTA-8 FATTYACID DESATURASE/CN
E4	1	DELTA-9 ACYL-LIPID DESATURASE (GLOEOBACTER VIOLACEUS STRAIN PCC 7421 GENE DESC)/CN
E5	2	DELTA-9 DESATURASE (NOSTOC SP. PCC 7120 GENE DESC)/CN
E6	1	DELTA-9 DESATURASE (RHODOPIRELLULA BALTICA GENE DESC)/CN
E7	1	DELTA-9 DESATURASE (RHODOPIRELLULA BALTICA GENE RB4876)/CN
E8	1	DELTA-9 FATTY AC ID DESATURASE (SYNECHOCOCCUS STRAIN WH8102 GENE DESC)/CN
E9	1	DELTA-9 FATTY ACID DESATURASE (CYANIDIOSCHYZON MEROLAE GENE FAD9 REDUCED)/CN
E10	1	DELTA-9 FATTY ACID DESATURASE (VIBRIO PARAHAEMOLYTICUS STRAI N O3:K6 GENE VPA0707)/CN
E11	1	DELTA-ADAPTIN (HUMAN)/CN
E12	1	DELTA-AMINOLEVULINIC ACID DEHYDRATASE (AGROBACTERIUM TUMEFAC IENS STRAIN C58 GENE HEMB)/CN

=> e delat-8 fatty acid desaturase/CN

E1	1	DELARTINE HYDROCHLORIDE/CN
E2	1	DELARTINE PERCHLORATE/CN
E3	0 -->	DELAT-8 FATTY ACID DESATURASE/CN
E4	1	DELATESTRYL/CN
E5	1	DELATIN TCI/CN
E6	1	DELATINE/CN
E7	1	DELATINE HYDROBROMIDE/CN
E8	1	DELATISINE/CN
E9	1	DELAUS/CN
E10	1	DELAVACONINE/CN
E11	1	DELAVACONINE 14- (P-METHOXYBENZOATE)/CN
E12	1	DELAVACONITINE/CN

=> e delta-8 fatty acid desaturase/CN

E1 1 DELTA-6 FATTY ACID DESATURASE (HUMAN GENE CYB5RP)/CN  
E2 1 DELTA-6 FATTY ACID DESATURASE (STREPTOMYCES AVERMITILIS STRAIN MA-4680 GENE FADS1)/CN  
E3 0 --> DELTA-8 FATTY ACID DESATURASE/CN  
E4 1 DELTA-9 ACYL-LIPID DESATURASE (GLOEOBACTER VIOLACEUS STRAIN PCC 7421 GENE DESC)/CN  
E5 2 DELTA-9 DESATURASE (NOSTOC SP. PCC 7120 GENE DESC)/CN  
E6 1 DELTA-9 DESATURASE (RHODOPIRELLULA BALTICA GENE DESC)/CN  
E7 1 DELTA-9 DESATURASE (RHODOPIRELLULA BALTICA GENE RB4876)/CN  
E8 1 DELTA-9 FATTY ACID DESATURASE (SYNECHOCOCCUS STRAIN WH8102 GENE DESC)/CN  
E9 1 DELTA-9 FATTY ACID DESATURASE (CYANIDIOSCHYZON MEROLAE GENE FAD9 REDUCED)/CN  
E10 1 DELTA-9 FATTY ACID DESATURASE (VIBRIO PARAHAEMOLYTICUS STRAIN O3:K6 GENE VPA0707)/CN  
E11 1 DELTA-ADAPTIN (HUMAN)/CN  
E12 1 DELTA-AMINOLEVULINIC ACID DEHYDRATASE (AGROBACTERIUM TUMEFACIENS STRAIN C58 GENE HEMB)/CN

=> e desaturase/CN

E1 1 DESATURINE, 3-TIGLATE/CN  
E2 1 DESATURINE, 3-TRICHLOROACETATE/CN  
E3 1 --> DESATURASE/CN  
E4 1 DESATURASE (BORDETELLA BRONCHISEPTICA STRAIN RB50 GENE BB0103)/CN  
E5 1 DESATURASE (BORDETELLA PARAPERTUSSIS STRAIN 12822 GENE BPP0105)/CN  
E6 1 DESATURASE (SINORHIZOBIUM MELILOTI STRAIN 1021 GENE SMA2051)/CN  
E7 1 DESATURASE (STREPTOMYCES GRISEUS GENE CRTU CAROTENOID)/CN  
E8 1 DESATURASE D6DH-1, LINOLEATE (HUMAN)/CN  
E9 1 DESATURASE D6DH-2, LINOLEATE (HUMAN)/CN  
E10 1 DESATURASE, (E)-11-TETRADECENOATE Δ9-/CN  
E11 1 DESATURASE, B-CAROTENE/CN  
E12 1 DESATURASE, B-CAROTENE (BREVIBACTERIUM LINENS STRAIN DSM 20426 GENE CRTU)/CN

=> s E3;D

L1 1 DESATURASE/CN

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN  
RN 103843-28-3 REGISTRY  
CN **Desaturase (9CI)** (CA INDEX NAME)  
MF Unspecified  
CI MAN  
SR CA  
LC STN Files: ADISNEWS, AGRICOLA, BIOBUSINESS, BIOSIS, CA, CAPLUS, CASREACT, CEN, CIN, PROMT, TOXCENTER, USPATFULL

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*

119 REFERENCES IN FILE CA (1907 TO DATE)  
2 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
120 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=>

=> s E4;D

L3 1 "DELTA-9 ACYL-LIPID DESATURASE (GLOEOBACTER VIOLACEUS STRAIN  
PCC 7421 GENE DESC)"/CN

L3 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN

RN 593923-35-4 REGISTRY

CN **Delta-9 acyl-lipid desaturase (Gloeobacter violaceus strain PCC 7421  
gene desC) (9CI) (CA INDEX NAME)**

OTHER NAMES:

CN GenBank BAC89176

CN GenBank BAC89176 (Translated from: GenBank AP006572)

FS PROTEIN SEQUENCE

MF Unspecified

CI MAN

SR GenBank

LC STN Files: CA, CAPLUS

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*

\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> s E1;D

L4 1 "DELTA-6 FATTY ACID DESATURASE (HUMAN GENE CYB5RP)"/CN

L4 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN

RN 264591-49-3 REGISTRY

CN Desaturase, linoleate (human gene CYB5RP) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 3: PN: WO0021557 FIGURE: 3A claimed protein

CN 6: PN: EP1035207 SEQID: 6 claimed protein

CN **Delta-6 fatty acid desaturase (human gene CYB5RP)**

CN Desaturase, acyl coenzyme A (human gene FADS3 isoenzyme 3)

CN Desaturase, acyl coenzyme A (human gene FADS3)

CN Fatty acid desaturase (human gene FADS3 isoenzyme 3)

CN Protein CYB5RP (human gene CYB5RP cytochrome b5-related)

FS PROTEIN SEQUENCE

MF Unspecified

CI MAN

SR CA

LC STN Files: CA, CAPLUS

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*

\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*

3 REFERENCES IN FILE CA (1907 TO DATE)

3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> s E9;D

L5 1 "DELTA-9 FATTY ACID DESATURASE (CYANIDIOSCHYZON MEROLAE GENE  
FAD9 REDUCED)"/CN

L5 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN

RN 207310-80-3 REGISTRY

CN Desaturase, acyl coenzyme A (Cyanidioschyzon merolae gene FAD9 reduced)  
(9CI) (CA INDEX NAME)

OTHER NAMES:

CN **delta-9 fatty acid desaturase (Cyanidioschyzon merolae gene FAD9 reduced)**

FS PROTEIN SEQUENCE

MF Unspecified

CI MAN

SR CA

LC STN Files: CA, CAPLUS

**\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\***

**\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\***

**\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\***

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> log Y